

Implementation Update
Oregon's Integrated Water Resources Strategy

Outline

- Introduction & Background
- Progress on Implementing Recommended Actions
- Ongoing Agency-to-Agency Communications
- Partner Agency Updates
- Preparing for the 2017 Update

Introduction & Background

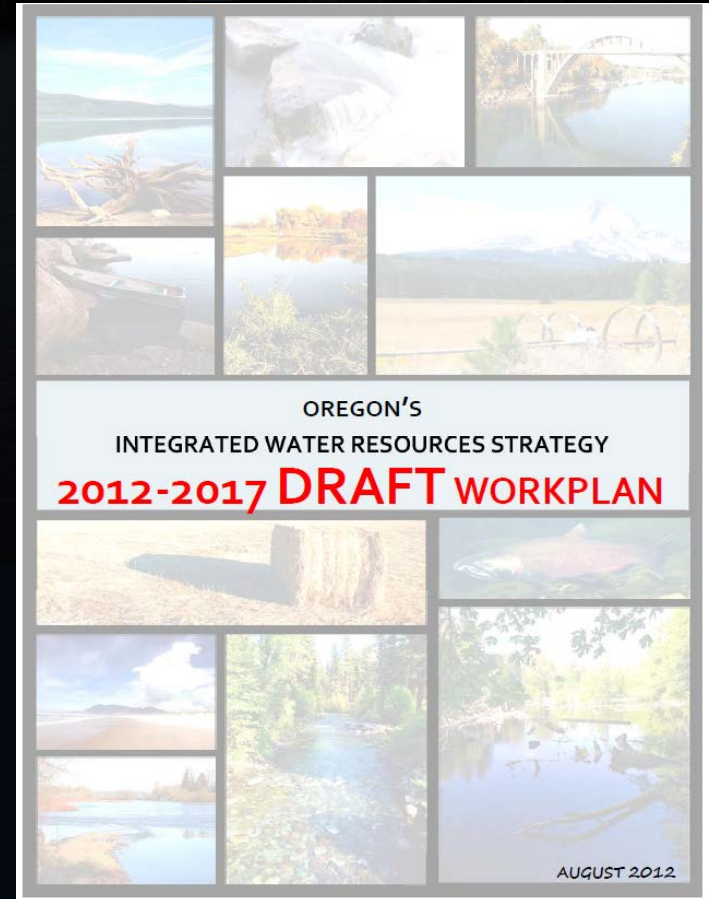
Several IWRS-Related Updates Today:

- Item A: Implementation update with agency partners
- Item B: Place-based planning (9a), feasibility grants (13c), and SB839 update (10e)
- Item C: Efforts to designate new scenic waterways (11b)
- Item D: Monitoring strategy for the department (1b, 1c)

Introduction & Background

- More than 40 recommended actions
- Some need legislative assistance, others don't
- Not all actions being implemented aggressively today

Refer to Attachment 1



Progress on Implementation

UNDERSTAND WATER RESOURCES, SUPPLIES, INSTITUTIONS

- ✓1a. Conduct additional groundwater investigations
- ✓1b. Improve water resource data collection and monitoring
- ✓1c. Coordinate inter-agency data collection, processing, and use in decision-making

UNDERSTAND OUT-OF-STREAM NEEDS/DEMANDS

- ✓2a. Update long-term water demand forecasts
- ✓2b. Improve water-use measurement & reporting
- ✓2c. Determine pre-1909 water right claims
- 2d. Update water right records with contact information
- ✓2e. Update Oregon's water-related permitting guide

UNDERSTAND INSTREAM NEEDS/DEMANDS

- ✓3a. Determine flows needed (quality & quantity) to support instream needs
- 3b. Determine needs of groundwater dependent ecosystems

WATER-ENERGY NEXUS

- ✓4a. Analyze the effects on water from energy development projects & policies
- ✓4b. Take advantage of existing infrastructure to develop hydroelectric power
- 4c. Promote strategies that increase/integrate energy & water savings

CLIMATE CHANGE

- ✓5a. Support continued basin-scale climate change research efforts
- ✓5b. Assist with climate change adaptation and resiliency strategies

WATER-LAND USE NEXUS

- 6a. Improve integration of water information into land-use planning (& vice versa)
- 6b. Update state agency coordination plans
- 6c. Encourage low-impact development practices

INFRASTRUCTURE

- ✓7a. Develop and upgrade water & wastewater infrastructure
- ✓7b. Encourage regional (sub-basin) approaches to water and wastewater systems

EDUCATION AND OUTREACH

- 8a. Support Oregon's K-12 environmental literacy plan
- 8b. Provide education and training for Oregon's next generation of water experts
- ✓8c. Promote community education & training opportunities
- ✓8d. Identify ongoing water-related research needs

PLACE-BASED EFFORTS

- ✓9a. Undertake place-based integrated, water resources planning
- 9b. Coordinate implementation of existing natural resource plans
- ✓9c. Partner with federal agencies, tribes, and neighboring states in long-term water resources management

WATER MANAGEMENT AND DEVELOPMENT

- ✓10a. Improve water-use efficiency & water conservation
- ✓10b. Improve access to built storage
- 10c. Encourage additional water reuse projects
- ✓10d. Reach environmental outcomes with non-regulatory alternatives
- ✓10e. Authorize and fund a water supply development program

HEALTHY ECOSYSTEMS

- ✓11a. Improve watershed health, resiliency, and capacity for natural storage
- ✓11b. Develop additional instream protections
- ✓11c. Prevent and eradicate invasive species
- ✓11d. Protect and restore instream habitat and habitat access for fish & wildlife

PUBLIC HEALTH

- ✓12a. Ensure the safety of Oregon's drinking water
- ✓12b. Reduce the use of and exposure to toxics and other pollutants
- ✓12c. Implement water quality pollution control plans

FUNDING


- ✓13a. Fund development & implementation of Oregon's IWRS
- ✓13b. Fund water resources management at the state level
- ✓13c. Fund communities needing feasibility studies for water conservation, storage, and reuse projects

KEY:

- ✓ = Completed or significant progress made
- ✓\$ = Additional funding provided by 2013 Legislature

Refer to Attachment 2: Roadmap to Implementation

Progress on Implementation

- 
- **Priorities with a monitoring/data emphasis:**
 - **Conducting groundwater studies (1a)**
 - **Installing new gaging stations and monitoring wells (1b)**
 - **Expanding water quality monitoring (1b)**
 - **Reinstating a water use reporting coordinator (2b)**
 - **Developing new instream protections (3a)**
 - **Expanding the state's aquatic invasive species efforts (11c)**

Progress on Implementation

- Implementing priority actions that directly assist Oregon communities:
 - Cost-share fund for measurement devices (2b)
 - Establishing loans/grants for water projects (10e)
 - Recapitalizing the Feasibility Grant Fund (13c)
 - Supporting WaterSMART Basin Study in the Upper Deschutes sub-basin (5a, 9a)
 - Launching the Willamette Basin Reservoir Study (10b)

Ongoing Agency-to-Agency Communications

- Continue to meet with the IWRS Agency Advisory Group
- Platform to feature state agency projects or initiatives
- Continue to meet with federal partners

Partner Agency Updates

Oregon Department of Environmental Quality



- New groundwater monitoring efforts (1b)
- WISE Project monitoring (1c)
- Improving agency coordination on Division 33 process (1c)
- Pesticide Stewardship Partnerships (12b)
- Pursuing a new onsite septic loan program (12c)

Partner Agency Updates

Oregon Department of Fish & Wildlife



- Understanding & developing instream protections (3a, 11b)
- In-Conduit Hydropower (4b)
- Inspecting watercraft for aquatic invasive species (11c)
- New techniques in the Fish Passage Program (11d)

Partner Agency Updates

Oregon Department of Agriculture



- Agricultural water quality program initiatives (1b)
- Place-based planning (9a)
- Education & outreach with agricultural water users (8d, 2a)
- Willamette Basin Reservoir Study (10b, 2a)
- Estimating agricultural demands (2a)
- SB 839 process (10e)

Preparing for the 2017 IWRS

- Next iteration is due in 2017
- Commission is responsible for adoption
- Agencies prepared budget packages for 2015-17 to support the IWRS
- Plan to update the statewide water demand forecast
- New maps
- New Policy Advisory Group



Any Questions?